

CLAIMS

1. A method for glossing solid surface by forming a film thereon, comprising the steps of:

5 preparing a film-forming coating liquid containing at least an isocyanate compound having two or more isocyanate groups, a synthetic resin having a functional group which reacts with the isocyanate groups, and an organic solvent;

coating with the film-forming coating liquid onto the solid surface; and

10 film-forming on the solid surface after the step of coating,

wherein the coating weight of the film-forming coating liquid being adjusted in the step of coating so as the film thickness after the step of film-forming to become a range from 0.1 to 5 μm .

15 2. The method for glossing solid surface according to claim 1, wherein the isocyanate compound is an isocyanurate polyisocyanate compound.

20 3. The method for glossing solid surface according to claim 1 or 2, wherein the isocyanate compound is a block-type isocyanate compound which is prepared by blocking the isocyanate group by a blocking agent.

4. The method for glossing solid surface in any one of claims 1 to 3, wherein the synthetic resin is at least one resin selected from the group consisting of an acrylic-base resin, a polyester-base resin, an alkyd-base resin, and a polyurethane-base resin.

25 5. The method for glossing solid surface in any one of claims 1 to 4, wherein the step of film-forming forms a film under a condition

between 10 °C and 60 °C of temperatures and within 3 hours.

6. The method for glossing solid surface in any one of claims 1 to 5, wherein the hardness of the film has pencil-hardness in a range from B to 2H determined by hand-scratch method, (determined on the basis of flaws), specified in Section 8.4.2 of JIS K5400.

7. A film-forming coating liquid, wherein the film-forming coating liquid is applied onto solid surface to put gloss thereto, and the liquid comprises:

10 a curing agent containing an isocyanate compound having two or more isocyanate groups,

a major component containing a synthetic resin having a functional group which reacts with the isocyanate groups, and

an organic solvent.